

Title (en)

Method and device to tear roving in spinning machines.

Title (de)

Verfahren und Vorrichtung zum Reissen von Faserband in Spinnmaschinen.

Title (fr)

Procédé et dispositif d'effilochage de mèche dans un métier à filer.

Publication

EP 0458078 A1 19911127 (EN)

Application

EP 91106652 A 19910425

Priority

IT 8338890 A 19900522

Abstract (en)

Tearing method in spinning machines, the tearing being suitable to break the segment of roving (12) leaving a drafting unit (11) and held by an aspiration intake (15) following upon a breakage of yarn on the respective spinning unit, the tearing being required for piecing-up of the yarn, the tearing of the roving (12) taking place by a drawing action on the segment of roving (12) between the drafting unit (11) and the intake (15), the drawing action being of a value such as to cause separation of the fibres composing the roving (12) and therefore the breakage of the roving (12). Device to tear roving in spinning machines, the tearing being suitable to break the segment of roving (12) leaving a drafting unit (11) and held by an aspiration intake (15) following upon a breakage of a yarn on the respective spinning unit, the tearing being required for piecing-up of the yarn, the device employing the method cited above, the device consisting of an additional drawing unit (16) for each spinning unit, the drawing unit (16) consisting of a tearing roller (17) and a pressure roller (18) located between the outlet of a drafting roller (13) of the drafting unit (11) and the inlet of the aspiration intake (15), the tearing roller (17) and pressure roller (18) being separated from each other in their inactive positions, one of these rollers (17-18) being secured to means (19) that cause temporary reciprocal approach of the rollers (17-18), one of the rollers (17-18) being powered. <IMAGE>

IPC 1-7

D01H 13/18; **D01H 15/00**

IPC 8 full level

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CPC (source: EP)

D01H 13/188 (2013.01); **D01H 15/00** (2013.01)

Citation (search report)

- [A] DE 3730373 A1 19890323 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] EP 0322636 A1 19890705 - RIETER AG MASCHF [CH]
- [A] DE 8706269 U1 19870625
- [A] DE 3208683 A1 19830922 - ZINSER TEXTILMASCHINEN GMBH [DE]

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0458078 A1 19911127; IT 1240889 B 19931217; IT 9083388 A0 19900522; IT 9083388 A1 19911122

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